

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of

Daniel Wang et al

Serial No.10/687,335

Filed: October 16, 2003

Title: BROAD BAND ANTENNA

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Group:

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Applicants wish to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicants respectfully request that these documents be made of record in the present application.

REMARKS:

U.S. Patents Nos. 4,229,743; 5,702,130 and 6,369,977 are the U.S. counterparts to the references cited in The European Search Report dated December 10, 2003, in EP 03 02 3406, a copy of which is attached hereto.

If any fees are necessary in connection with this document, or insufficient fees are sent herewith, please charge Deposit Account No. 02-0385, Baker & Daniels.

Respectfully submitted,

John F. Hoffman

Registration No. 26,280

Attorney for Applicants

JFH/nw

CERTIFICATION OF MAILING

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on: January 14, 2004

JOHN F. HOFFMAN, REG. NO. 26,280

Name of Registered Representative

Signature

January 14, 2004

Date

Enc. European Search Report
PTO-1449
References
Return Postcard

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

WAT0133

Application Number

10/687,335

Applicant(s)

Daniel Wang et al

Filing Date

October 16, 2003

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,229,743	10/1980	Vo et al			
	5,701,130	12/1997	Thill et al			
	6,369,777	4/2002	Ohara et al			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

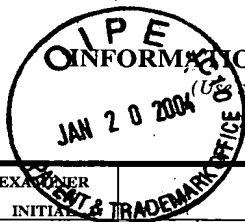
Qin Li, Chi Hou Chan and Leung Tsang, "Monte Carlo Simulations of Wave Scattering from Lossy Dielectric Random Rough Surfaces Using the Physics-Based Two-Grid Method and the Canonical-Grid Method", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 4, April 1999.

Hanyang Y. Wang and Michael J. Lancaster, "Aperture Coupled Thin-Film Superconducting Meander Antennas", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 5, May 1999.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) WAT0133	Application Number 10/687,335
		Applicant(s) Daniel Wang et al	
		Filing Date October 16, 2003	Group Art Unit
*EXAMINER INITIALS	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Hiroaki Miyashita et al., "Electromagnetically Coupled Coaxial Dipole Array Antenna", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 11, November 1999.		
	M.A. Page-Jones and M.H. Capstick, "Single Layer Patch Arrays Exploiting a Quasibalanced Feeder to Improve the Radiation Pattern", IEE Proceedings-Microwave Antennas Propagation, Vol. 146, No. 6, December 1999.		
EXAMINER		DATE CONSIDERED	

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.